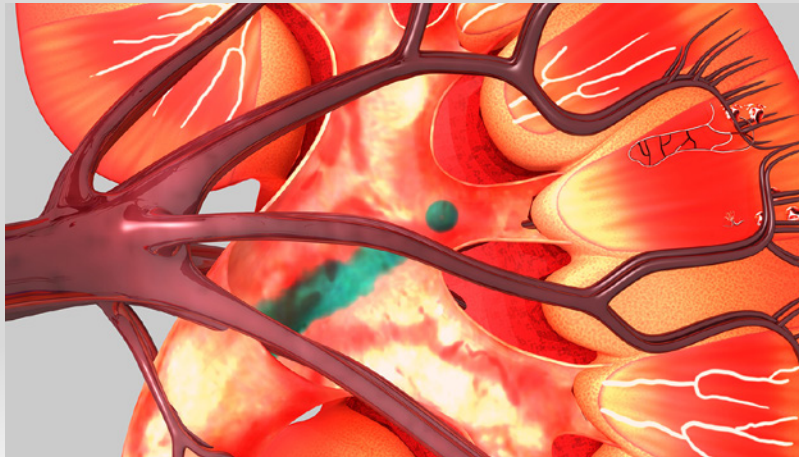




## 3.4 Large System Pathologies Area



 Publications: **31**  Impact Factor: **451.835**  Q1: **18**

# Nephrology Group

## Research Activity

### Publications

- Soriano JB, Rojas-Rueda D, Alonso J, Anto JM, Cardona PJ, Fernández E, García-Basteiro AL, Benavides FG, Glenn SD, Krish V, Lazarus JV, Martínez-Raga J, Masana MF, Nieuwenhuijsen MJ, Ortiz A, Sánchez-Niño MD, Serrano-Blanco A, Tortajada-Girbes M, Tyrovolas S, Haro JM, Naghavi M, Murray CJL. The burden of disease in Spain: Results from the Global Burden of Disease 2016. *Med Clin-Barcelona*. 2018; 151(5): 171-90. Article. IF: 1.277; Q3
- Sanjuán JB, Navarro-González JF, Arenas MD, Torregrosa JV, Menéndez JT, de Francisco ALM, González-Parrá E, Cora MJL, Álvarez JES, Martín-Malo A, Vila PM, Bajo MA, Santos ID. Pharmacological interactions of phosphate binders. *Nefrología*. 2018; 38(6): 573-8. Editorial Material. IF: 1.439; Q4
- Ferreira M, Vega C, Rivas B, Selgas R. Acute renal failure and severe neurotoxicity after unintentional overdose of valacyclovir in a geriatric population: A case report. *Nefrología*. 2018; 38(3): 323-5. Letter. IF: 1.439; Q4
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- Valino-Rivas L, Cuarental L, Grana O, Bucala R, Leng L, Sanz A, Gómez G, Ortiz A, Sánchez-Niño MD. TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. *Plos One*. 2018; 13(6): e0199391. Article. IF: 2.776; Q2
- Adlbrecht C, Blanco-Verea A, Bouzas-Mosquera MC, Brion M, Burtscher M, Carbone F, Chang TT, Charmandari E, Chen JW, Correia-Costa L, Dullaart RPF, Eleftheriades M, Fernández-Fernández B, Goliash G, Gremmel T, Groeneveld ME, Henrique A, Huelsmann M, Jung C, Lichtenauer M, Montecucco F, Nicolaidis NC, Niessner A, Palmeira C, Pirklbauer M, Sánchez-Niño MD, Sotiriadis A, Sousa T, Sulzgruber P, van Beek AP, Veronese N, Winter MP, Yeung KK, Bouzas-Mosquera A. Research update for articles published in EJCI in 2016. *Eur J Clin Invest*. 2018; 48(10): e13016. Review. IF: 2.784; Q1
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### 3.4 Large System Pathologies Area



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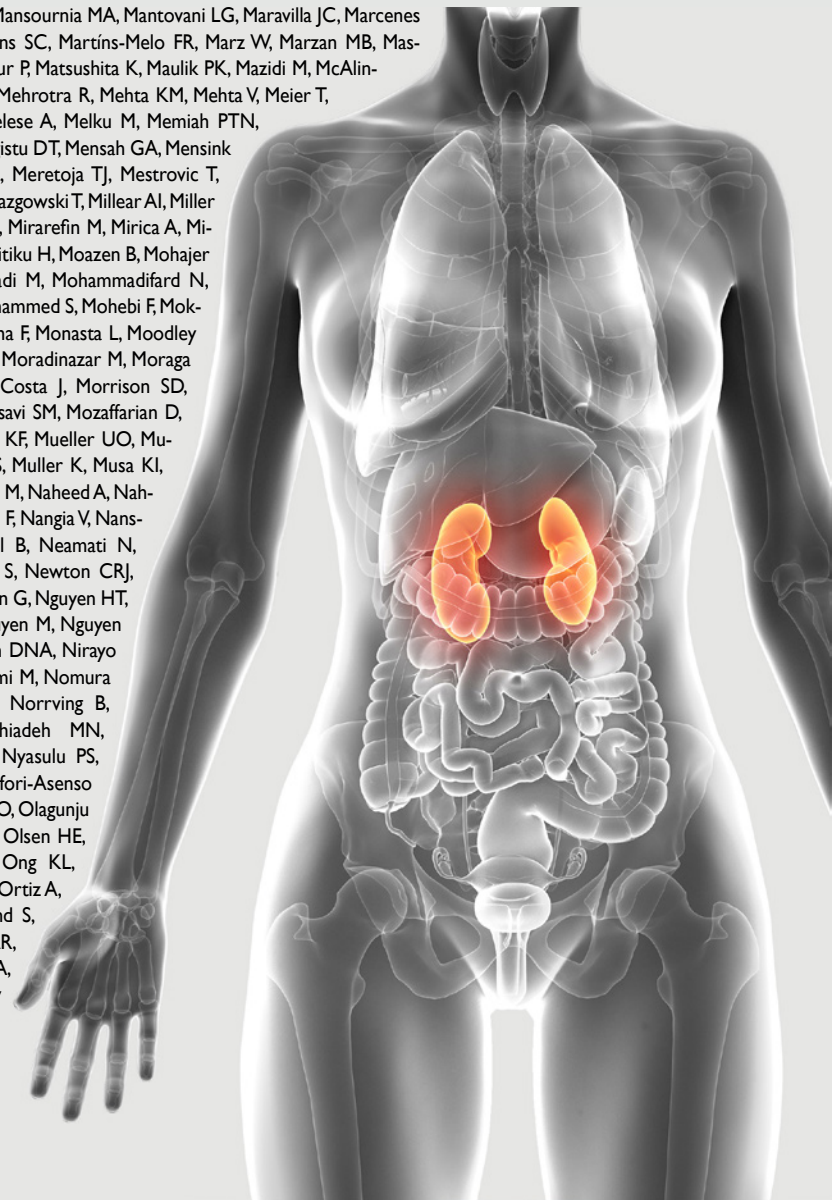


### 3.4 Large System Pathologies Area



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### 3.4 Large System Pathologies Area



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### 3.4 Large System Pathologies Area



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## Public projects

- Selgas Gutiérrez R.** Vasculopatía hialinizante en diálisis peritoneal. Relación con la transición endotelio-mesenquimal y la disfunción del endotelio y del músculo liso vascular (PI15/00120). ISCIII. 2016-2018.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Red de Investigación Renal (REDINREN) (RD16/0009/0008). ISCIII. 2017-2021.  
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- Jiménez Martín C.** Desarrollo y aplicación de un programa grupal de atención psicológica basada en las preferencias y valores con el objetivo de mejora de resultados en salud en el paciente con trasplante renal. Astellas Pharma S.A. 2018-Ongoing.  
Management centre: FIBHULP
- Jiménez Martín C.** Grupos emergentes. Wyeth Farma S.A. 2009-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Actualización y renovación de la actividad investigadora en nefrología clínica hospitalaria. Hospital Universitario La Paz. 2009-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Atención domiciliaria continuada para pacientes en diálisis domiciliaria y Biología celular del macrófago peritoneal y su relación con la fibrosis peritoneal. Baxter S.L. 2009-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Cardiovascular disease and peritoneal membrane damage in peritoneal dialysis as concurrent consequences of a common mechanism dependent on the glucose effect in peritoneal adipocytes. Extramural. Baxter S.L. 2008-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Creación de un centro de referencia para el estudio de los mecanismos implicados en las reacciones de hipersensibilidad a las membranas de hemodialisis basadas en polysulfona. Chiesi España S.A. 2017-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Determinación de la nefrotoxicidad inducida por la ecografía con burbujas en un modelo animal como fase previa para su aplicación en trasplante renal. Novartis Farmaceutica S.A. 2008-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Evaluación e intervención en el bienestar emocional del personal y pacientes nefrológicos. Wyeth Farma S.A. 2007-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** Historia natural de la microcirculación del injerto renal mediante ecografía resaltada por contraste. Análisis en el paciente trasplantado, tratado con/sin anti-calcineurínicos. Genzyme SLU. 2009-Ongoing.  
Management centre: FIBHULP
- Selgas Gutiérrez R.** I campus científico síndrome hemolítico urémico atípico (SHUA) en nefrología. Alexion Pharma Spain S.L. 2017-Ongoing.



## 3.4 Large System Pathologies Area



Management centre: FIBHULP

**Selgas Gutiérrez R.** La donación de vivo en el trasplante renal: representaciones y prácticas sociales en la toma de decisión. Un estudio socio-antropológico. Stakeholders. 2013-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Las células mesoteliales del efluente crecidas ex vivo reflejan las alteraciones peritoneales encontradas en la biopsia peritoneal. Oportunidades adicionales para biomarcadores en el efluente. Fundación SENEPRO. 2016-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Monitorización del rechazo humoral del receptor de trasplante renal. Novartis Farmaceutica S.A. 2015-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Quinto curso de formación científica de educadores en enfermedad renal crónica avanzada (ERCA). Vifor Fresenius Medical Care Renal Pharma España S.L. 2017-Ongoing.

Management centre: FIBHULP

### International projects

**Selgas Gutiérrez R.** Clinical validation of miniature wearable dialysis machine (WEAKID). UE. 2017-2019.

Management centre: FIBHULP

### Clinical trials

**Peces Serrano R.** Estudio posautorización de seguridad multicéntrico y no intervencionista de 6 años de duración realizado en pacientes a los que se ha recetado Jinarc® debido a poliquistosis renal autosómica dominante. Type: EPA-LA.

HULP code: PI-2881. Sponsored's protocol code: 156-12-299.

Sponsored by: Otsuka Pharmaceutical Development & Commercialization Inc.

Signed date: 09/02/2018

**Jiménez Martín C.** Evaluación de la consistencia clínica y la solidez analítica de Immunobio-gram® como herramienta biotecnológica de diagnóstico in vitro para ayudar a la toma de decisiones en el ajuste del tratamiento inmunodepresor del trasplante renal. Estudio Transbio. Type: NO-EPA.

HULP code: PI-3105. Sponsored's protocol code: BHP-IBG-2017-01.

Sponsored by: Biohope Scientific Solutions For Human Health S.L.

Signed date: 13/02/2018

**Jiménez Martín C.** Impacto de los niveles de Tacrólimus en la prevención del rechazo en pacientes de edad avanzada receptores de trasplante renal de novo: estudio observacional prospectivo en las condiciones de la práctica clínica habitual. Estudio Bitácora. Type: EPA-SP.

HULP code: PI-3314. Sponsored's protocol code: CHI-TAC-2018-01.

Sponsored by: Chiesi Farmaceutici S.P.A. Signed date: 01/10/2018

**López Oliva MO.** Suspensión de la profilaxis con Valganciclovir en trasplantados renales CMV-seropositivo que mantienen la inmunidad celular CD8+ CMV-específica tras recibir Timoglobulina. Type: Clinical Trial, phase III.

HULP code: ANEXO-I 4892. Sponsored's protocol code: FCO-TIM-2015-01.

Sponsored by: Fundación para la Investigación Biomédica de Córdoba (Fibico-Imibic). Signed date: 22/10/2018

### Patents and trademarks

**Selgas Gutiérrez R, Bellón Heredia T, Rodríguez Sanz AI, Álvarez Builla J, Vaquero López JJ, Sánchez Alonso P, Alajarín Fernández R,** inventors; FIBHULP, Universidad de Alcalá, assignees. Use of compounds derived from salts of pyridazine[1',6':1,2]pyrido[3,4-b]indolinium as anti-inflammatory agents. P201331143, PCT/ES2014/070603; 2013 July 25.

**Selgas Gutiérrez R, Bellón Heredia T, Rodríguez Sanz AI, Álvarez Builla J, Vaquero López JJ, Sánchez Alonso P, Alajarín Fernández R,** inventors; FIBHULP, Universidad de Alcalá, assignees. Use of compounds derived from salts of piridazine[3,2-b]benzimidazolium as anti-inflammatory agents. P201430411, PCT/ES2014/070603; 2013 July 25.

**Aguilera Peralta AI, López-Cabrera M, Selgas Gutiérrez R, Stepan S, Passlickdeetjen J,** inventors; Fresenius Medical Care Deutschland GMBH, assignee. Pharmaceutical compositions containing steviosides. PCT/EP2015/074955, EP3212199, US2017304335, CNI07073022; 2014 October 31.

**López-Cabrera M, Aguilera Peralta AI, Selgas Gutiérrez R, Passlickdeetjen J. Buechel J, Stepan S,** inventors; Fresenius Medical Care AG & Co. KGaA, assignee. Method and kit for diagnosing epithelial to mesenchymal transition of the peritoneum (EMT-Chip). WO2017042253, DE102015115158; 2015 September 09.

**Sánchez Niño MD, Ortiz Arduán A;** FIBHULP, Instituto de Investigación Sanitaria Fundación Jiménez Díaz. Pharmaceutical composition and its use in the manufacture of a medicament for treating chronic kidney disease and method for selecting compounds. P201430081, PCT/ES2015/070039; 2014 January 27.